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## Proposed Changes to Environmental Criteria Manual, Sections 1.3.0, 1.10.0 and 1.12.0

Presented by
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Sylvia R. Pope, P.G.

July 16, 2014

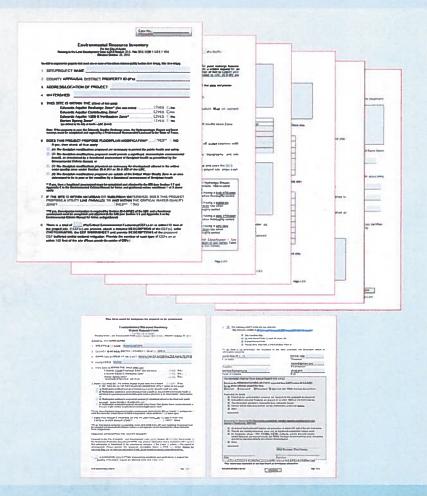
**Environmental Resource Management** 



#### Proposed Changes to Section 1.3.0, Environmental Resource Inventory

#### Minor Changes and Standardized Reporting

- Replacing 'Environmental Assessment' to Environmental Resource Inventory (ERI) Report.
  - Eliminates Confusion
- Standardize Report in .PDF format
  - Guidance for filling out the ERI report.
  - Provides a question to determine if functional assessment of floodplain health is needed (Question 6).
  - Standardized ERI waiver request and administrative variance forms for applicants to fill-out.





#### **Why Standardized Reporting**

- Simplifies and streamlines staff review.
- Increase efficiency for both staff and applicants.
- Promotes consistency and conciseness in CEF reporting.
- Notifies applicants if a stream functional assessment is needed.









# Proposed Changes to Section 1.10.0, Critical Environmental Feature Identification and Reporting

#### Moved and Expanded Section to Include All CEFs, Buffering and Buffer Maintenance.

- ❖ Information in ECM 1.3.0 on Critical Environmental Features (CEFs) was moved to section 1.10.0 and section renamed and revised to included all CEFs.
- CEF buffer maintenance (ECM 1.14.0) was moved into this section.
- Updated CEFs identification information to include more field indicators and added definitions.
- Revised CEF buffer evaluation section to include all CEFs and add reasoning for requiring buffering.
- Added language that CEF buffers are in 3dimensions, not just 2-dimensions.



Wetlands



Rimrocks and Bluffs



Karst Recharge Features



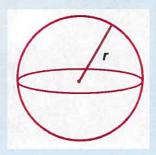
Springs and Seeps



#### Possible Perceived Problems

- The buffer distance for unexcavated potential cave features is 300-ft.
  - Similar to the buffer distance that Texas Commission on Environmental Quality requires, which is 200-ft (150-feet assumed cave footprint plus 50-feet).
- ?

- The 300-ft buffer is the City's current maximum buffer distance for point recharge features.
- Critical Environmental Features buffers have 3dimensions





#### Brief recap of rule history

- ❖ 1986 to 2008: ECM Appendix P-1note 8
  - If you find a void; stop work, notify an inspector.
  - No guidance on mitigation.
- 2005: Special mitigation protocol developed for ACWP
  - Protected Spicewood Springs
- ❖ 2008 to present: ECM 1.12.0, Item No. 658S of the SSM and Standard Details 658S-1 to 658S-7
  - Instructions, materials, details







#### Rule Implementation (April 22, 2008 to present)

- Notification
- Geologist inspection
- Engineer select/design mitigation measures
- Site plan correction
- Implementation

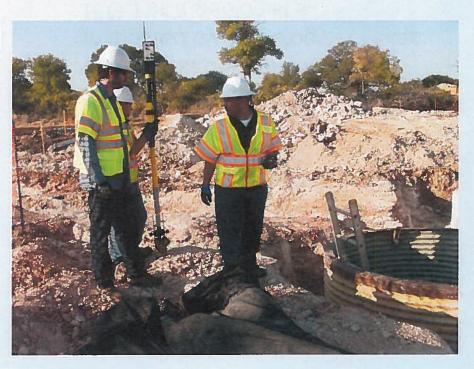
Standard note on cover sheet of site plan:

"This project is subject to the Void and Water Flow Mitigation Rule (COA ECM 1.12.0 and COA Item No. 658S of the SSM). All trenching greater than 5 feet deep must be inspected by a geologist (Texas P.G.) or a geologist's representative."



#### **Success stories**

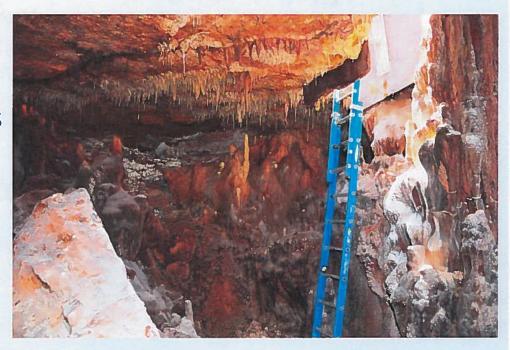
- Coordination with AWU and PWD, Street and Bridge on mitigation methods
- More consistent reporting of voids
- Coordination with TCEQ
- Improved safety measures for City staff; coordination with WPD TV inspection program
- Incorporated into WTP4, JTM, Martin Hill Transmission Main CIP design manuals





#### Why are changes needed?

- Apply to tunnel and large, open shaft projects
- Provide protocol for analyzing cave roof stability of large features
- Align with TCEQ requirements
- Add fines for noncompliance



Cave 120, Pearson Ranch Road



#### **Shaft and Tunnel Projects**

- Add to rule language for clarification
  - Current rule specifies that trenches > 5' must be inspected by a Texas P.G.
  - Other excavations are inspected by the contractor
  - Environmental sensitivity
     within the Edwards Aquifer
     requires greater scrutiny of
     open shafts and tunnels.
     Tunneling is becoming
     more common.

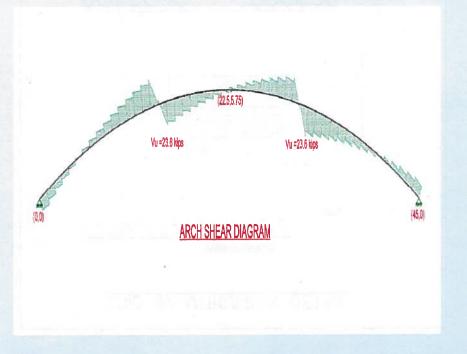


Void in the Four Points shaft, JTM



#### **Cave Roof Stability Analysis**

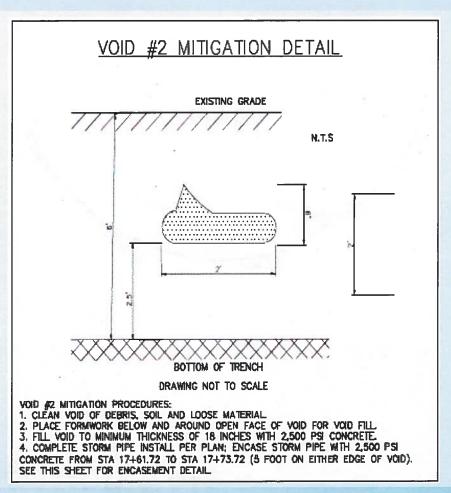
- PWD, Street and Bridge engineers provided protocol
  - Developed after experience of Pearson Ranch Road project that intercepted 12 caves under the R.O.W.
  - Cave collapse potential is inadequately addressed due to lack of criteria in current rule
  - Needed for infrastructure integrity





#### Align with TCEQ requirements

- Goal to reduce conflicts and submittal complexity for owners
  - Allow 2500 psi concrete, when it won't conflict with AWU requirements
  - Increase stop work distance from void footprint from 25 to 50 feet





#### Provision to fine owners for non-compliance

- Failure to properly mitigate poses a threat to water quality
  - Current rule lacks specific penalty; makes enforcement difficult





#### Questions?



# **Environmental Resource Inventory**

For the City of Austin
Relating to the Land Development Code (LDC) Section 25-8, Title 30-5, ECM 1.3.0 & 1.10.0
Effective October 28, 2013

The ERI is required for projects that meet one or more of the criteria listed in (LDC) Section 25-8-121(A), Title 30-5-121(A).

<u></u>	SITE/PROJECT NAME:
ა :	??!!NITY \DDD\!O\!O\! PIOTD!?T DD?DEDTY ID (#;\).
5	COUNTY APPRAISAL DISTRICT PROPERTY ID (#'s):
ώ	ADDRESS/LOCATION OF PROJECT:
4.	WATERSHED:
ĊΩ	THIS SITE IS WITHIN THE (Check all that apply)
9	Edwards Aquifer Recharge Zone* (See note below)
	Note: If the property is over the Edwards Aquifer Recharge zone, the Hydrogeologic Report and karst surveys must be completed and signed by a Professional Geoscientist Licensed in the State of Texas.
<u>,</u>	DOES THIS PROJECT PROPOSE FLOODPLAIN MODIFICATION?□YES** If yes, then check all that apply:
	<ul> <li>(1) The floodplain modifications proposed are necessary to protect the public health and safety;</li> <li>(2) The floodplain modifications proposed would provide a significant, demonstrable environmental benefit, as determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual, or</li> </ul>
	(3) The floodplain modifications proposed are necessary for development allowed in the critical water quality zone under Section 25-8-261 or 25-8-262 of the LDC.
	(4) The floodplain modifications proposed are outside of the Critical Water Quality Zone in an area determined to be in poor or fair condition by a <b>functional assessment</b> of floodplain health.
	** If yes, then a functional assessment must be completed and attached to the ERI (see Section 1.7 and Appendix X in the Environmental Criteria Manual for forms and guidance) unless conditions 1 or 3 above apply.
.7	IF THE SITE IS WITHIN AN URBAN OR SUBURBAN WATERSHED, DOES THIS PROJECT PROPOSE A UTILITY LINE PARALLEL TO AND WITHIN THE CRITICAL WATER QUALITY ZONE? ☐YES*** ☐NO
	***If yes, then riparian restoration is required by Section 25-8-261(E) of the LDC and a functional assessment must be completed and attached to the ERI (see Section 1.5 and Appendix X in the Environmental Criteria Manual for forms and guidance).

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There is a total of \_\_\_\_\_(#'s) Critical Environmental Feature(s)(CEFs) on or within150 feet of the project site. If CEF(s) are present, attach a detailed **DESCRIPTION** of the CEF(s), color **PHOTOGRAPHS**, the **CEF WORKSHEET** and provide **DESCRIPTIONS** of the proposed

CEF buffer(s) and/or wetland mitigation. Provide the number of each type of CEFs on or

within 150 feet of the site (Please provide the number of CEFs):

The second secon	Property of the south that a sung from a sung state of space.			Soil Series Unit Name & Group*	Soil Series Unit Names, Infiltration Characteristics & Thickness	Surface Soils on the project site is sumr Hydrologic Soil Groups*. If there is more soil unit on the site soils map.	<ol> <li>HYDROGEOLOGIC REPORT — Provide a descrip specific geology below (Attach additional sheets if needed):</li> </ol>	Only if present on site (Maps can be combined):    Edwards Aquifer Recharge Zone with the 150 (Only if site is over or within 1500 feet the recharge zone)    Edwards Aquifer Contributing Zone    Water Quality Transition Zone (WQTZ)    Critical Water Quality Zone (CWQZ)    City of Austin Fully Developed Floodplains for up to 64-acres of drainage	All ERI reports must include:  Site Specific Geologic Map with 2.  Historic Aerial Photo of the Site Site Soil Map  Site Soil Map Critical Environmental Features Aerial Photo with 2-ft Topography	9. The following site maps are attached at the end of this report (Check all that apply and provide):	Note: Standard buffers for CEFs are 150 feet, with Except for wetlands, if the standard buffer is not administrative variance from Section 25-8-281(C)(1) request. Request forms for administrative varian available from Watershed Protection Department.	(#'s) Spring(s)/Seep(s) (#'s) Point Rech
**Subgroup Classification - See Classification of Soil Series Table in County Soil Survey.	D. Soils having a <u>very slow</u> <u>infiltration</u> rate when thoroughly wetted.	C. Soils having a slow infiltration rate when thoroughly wetted.	B. Soils having a moderate infiltration rate when thoroughly wetted.		n *Soil Hydrologic Groups Definitions (Abbreviated)	<b>Surface Soils</b> on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups*. If there is more than one soil unit on the project site, show each soil unit on the site soils map.	description of site soils, topography, and site fneeded):	Edwards Aquifer Recharge Zone with the 1500-ft Verification Zone (Only if site is over or within 1500 feet the recharge zone) Edwards Aquifer Contributing Zone Edwards Aquifer Contributing Zone Water Quality Transition Zone (WQTZ) Critical Water Quality Zone (CWQZ) City of Austin Fully Developed Floodplains for all water courses with up to 64-acres of drainage	ap with 2-ft Topography he Site <sup>-</sup> eatures and Well Location Map on current pography	nd of this report (Check all that apply and provide):	Note: Standard buffers for CEFs are 150 feet, with a maximum of 300 feet for point recharge features. Except for wetlands, if the standard buffer is not provided, you must provide a written request for an administrative variance from Section 25-8-281(C)(1) and provide written findings of fact to support your request. Request forms for administrative variances from requirements stated in LDC 25-8-281 are available from Watershed Protection Department.	(#'s) Point Recharge Feature(s) (#'s) Bluff(s) (#'s) Wetland(s)

Description of Site Topography and Drainage (Attach additional sheets if needed):	
Comment of the comment of the company of the comment of the commen	
List surface geologic units below:	
Geologic Units Exposed at Surface	
Group Formation Member	
Brief description of site geology (Attach additional sheets if needed):	
A 19th and product of the state	
Wells – Identify all recorded and unrecorded wells on site (test holes, monitoring, water, oil, unplugged, capped and/or abandoned wells, etc.):	
There are (#) wells present on the project site and the locations are shown and labeled	
(#'s)The wells are not in use and will be properly abandoned.  (#'s)The wells are not in use and will be properly abandoned.	
(#'s)The wells are in use and comply with 16 TAC Chapter 76.  There are (#'s) wells that are off-site and within 150 feet of this site.	

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11. THE VEGETATION REPORT - Provide the information requested below:

Common Name	If yes, list the dominant species below:  Grassland/prairie/savanna	Common Name	
	savanna species	Scientific Name	

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			North Williams St.	Common Name	Нуdı
8			OPPORT OF THE PROPERTY OF	Scientific Name	Hydrophytic plant species
			The second	Wetland Indicator Status	

A tree su half feet a	Common Name
A tree survey of all trees half feet above natural gra	
A tree survey of all trees with a diameter of at least eight inches measured four and one-half feet above natural grade level has been completed on the site.	Scientific Name
at least eight inch	c Name
es measured four site.	Wetland Indicator Status
r and one-	£

# 12. WASTEWATER REPORT – Provide the information requested below.

	Wastewater lines are proposed within the Critical Water Quality Zone? □YES □ NO (Check one). If yes, then provide justification below:	Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan. $\square$ YES $\square$ NO $\square$ Not Applicable ( <i>Check one</i> ).	The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.  ☐YES ☐ NO (Check one).	Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with Chapter 15-12 of Austin City Code and wells must be registered with the City of Austin	<ul><li>☐ City of Austin Centralized sewage collection system</li><li>☐ Other Centralized collection system</li></ul>	On-site system(s)	Tradication for the site will be treated by (Check of that Apply).
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is the pro	ls the project site is over the Edwards Aquifer? □YES □ NO (Check one).
If yes, th	If yes, then describe the wastewater disposal systems proposed for the site, its treatment level and effects on receiving watercourses or the Edwards Aquifer.
7	
13. One (1) hard provided.	13. One (1) hard copy and one (1) electronic copy of the completed assessment have been provided.
Date(s) ERI Fiel	Date(s) ERI Field Assessment was performed:
	Date(s)
My signature certifies that to th reflect all information requested	My signature certifies that to the best of my knowledge, the responses on this form accurately reflect all information requested.
Print Name	Telephone
Signature	Email Address
Name of Company	any Date

For project sites within the Edwards Aquifer Recharge Zone, my signature and seal also certifies that I am a licensed Professional Geoscientist in the State of Texas as defined by ECM 1.12.3(A).

Print Form

# This form must be complete for request to be processed.

# Environmental Resource Inventory Waiver Request Form

For The City of Austin Relating to the Land Development Code (LDC) Section 25-8-121(D), Effective October 28, 2013

# GENERAL SITE INFORMATION:

<del>. `</del>	SITE/PROJECT NAME:
5	COUNTY APPRAISAL DISTRICT PROPERTY ID (#'s):
က	ADDRESS/LOCATION OF PROJECT:
4.	WATERSHED:
, ÇI	THIS SITE IS WITHIN THE (Check all that apply)  Edwards Aquifer Recharge Zone* (See note below)
တ	DOES THIS PROJECT PROPOSE FLOODPLAIN MODIFICATION? \( \subseteq YES** \subseteq NO \) IF YES, THEN DO ANY OF THE FOLLOWING CONDITIONS APPLY? (check all that apply):  \[ \subseteq \( (1) \) The floodplain modifications proposed are necessary to protect the public health and safety; \[ \subseteq \( (2) \) The floodplain modifications proposed would provide a significant, demonstrable environmental benefit, as determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual determined by a functional assessment of floodplain health as prescribed by the Environmental Criteria Manual determined by the Envir
	or  (3) The floodplain modifications proposed are necessary for development allowed in the critical water quality zone under Section 25-8-261 or 25-8-262 of the LDC.  (4) The floodplain modifications proposed are outside of the Critical Water Quality Zone in an area determined to be in poor or fair condition by a functional assessment of floodplain health.
<b>⋽</b> : ‡	** If yes, then a Functional Assessment must be completed and attached to the ERI (see Section 1.7 and Appendix X in the Environmental Criteria Manual for forms and guidance) unless conditions 1 or 3 above apply.
.7	7. DOES THIS PROJECT PROPOSE AN UTILITY LINE PARALLEL TO AND WITHIN THE CRITICAL WATER QUALITY ZONE?
5 b 1	***If yes, then riparian restoration is required by Section ——261(E) of the LDC and a Functional Assessment must be completed and attached to the ERI (see Section 1.5 and Appendix X in the Environmental Criteria Manual for forms and guidance).

# REQUIRED INFORMATION FOR WAIVER REQUEST:

Pursuant to the City of Austin's Land Development Code (LDC), Section ☐☐1121(D), the Director of the Watershed Protection Department (WPD) may exclude information that is required in ERI report if advised, this waiver may be rescinded at ANY time based on developing information. that information is determined to be unnecessary because of the scope or nature of the proposed development. Please provide the requested information below to WPD for review. Please be

granting of the waiver request are attached at the end of this form. A NARRATIVE DESCRIPTION of current site conditions and justifications to support the

Signature	Date
ERM Reviewer (Print Name)	
	Comments:
No Critical Environmental Features are present on or within 150 feet of the site boundaries. The site has existing impervious cover and no significant undisturbed natural areas. No floodplains, slopes >15%, CWQZs, WQTZs, wetlands, and the Edwards Aquifer contributing zone are present on site and TCEQ Geologic Assessment has been completed and will be submitted (Only for sites within the Edwards Aquifer).	<ul> <li>□ No Critical Environment</li> <li>□ The site has existing im</li> <li>□ No floodplains, slopes &gt; contributing zone are prand will be submitted (o</li> <li>□ Other:</li> </ul>
<u>0</u> :	Engineer's Report and/or Summary):
Reasoning for Approval (This form must be included with submittal materials and referenced in your	Reasoning for Approval (This fo
	Comments:
ning for denial: Formal and/or administrative variances are required for this proposed development. Critical Environmental Features are present on or within 150 feet of site boundaries. The information provided is incomplete (see comments below). Denied, but the following sections can be omitted (see comments below). Other	Reasoning for denial:    Formal and/or administr     Critical Environmental F     The information provide     Denied, but the following     Other
above reference project has been:  □ Denied □ Approved* □ Rescinded □ Approved with TCEQ Geologic Assessment	above reference project has been:  □ Denied □ Approved* □ F
DEPARTMENT USE ONLY.	WATERSHED PROTECTION DEPARTMENT USE ONLY
Date	Name of Company
Email Address	Signature
Telephone	Print Name
the responses to this form accurately and thoroughly reflect al	To the best of my knowledge, the responses information requested.
Topographic Map with a 2 feet contour interval	☐ Topograph
Site Location Map Historic Aerial Photo at least 15 years old Current Aerial Photo	☐ Site Location Map☐ Historic Aerial Photo☐ Current Aerial Photo
The following MAPS of the site are attached: (Map Information available at http://www.austintexas.gov/GIS/DevelopmentWebMap/Viewer.aspx)	2The following <b>MAPS</b> of the site are attached: (Map Information available at http://www.austintexas.com/

If you have questions on how to fill out this form, please contact the Watershed Protection Department at 512/974-2550.

WPD ERM ERI Waiver-2014-01

<sup>\*</sup>This waiver may rescinded at any time based on developing information.

# **Watershed Protection Department** Administrative Variance Form

Findings of Facts

For the City of Austin

Relating to the Land Development Code (LDC) Section 25-8-42, 25-8-281 & 25-8-282,

Effective October 28, 2013

# GENERAL SITE INFORMATION:

i. SIT	SITE/PROJECT NAME:
<u>2</u> . CC	2. COUNTY APPRAISAL DISTRICT PROPERTY ID No.:
3. AD	ADDRESS/LOCATION OF PROJECT:
	WATERSHED:
5. THIS	IIS SITE IS WITHIN THE (Check All that Apply):  EDWARDS AQUIFER RECHARGE ZONE: □ YES* □ NO  EDWARDS AQUIFER CONTRIBUTING ZONE: □ YES* □ NO
S. CR	3. CRITICAL ENVIRONMENTAL FEATUREs (CEFs) are present on site (please provide a number):
	Spring(s)/Seep(s)Point Recharge Feature(s)Canyon Rimrock(s)Wetland(s)Bluff(s)Total Number of CEF(s) on Site
7. TH	7. THE CEF TYPE AND FEATURE ID No. FOR THE CEF REQUESTING THE VARIANCE: CEF
TYPE:	CEF ID NO.
, 	_ ATTACH CEF LOCATION MAP AND CRITICAL ENVIRONMENTAL WORKSHEET
/ARI	VARIANCE FROM (CHECK ALL THE APPLY):
 	LDC 25-8-281(A) - Drainage patterns for proposed development must be designed to protect critical environmental features from the effects of runoff from developed areas, and to maintain the catchment areas of recharge features in a natural state. Special controls must be used where necessary to avoid the effects of erosion, or sedimentation, or high rates of flow.
	LDC 25-8-281(B) – A residential lot may not include a critical environmental feature or be located within 50 feet of a critical environmental feature.
П е =	LDC 25-8-281(C)(1)(a) - The width of the buffer zone is 150 feet from the edge of the critical environmental feature (does not apply to recharge features or wetlands).*
	LDC 25-8-281(C)(1)(b) - The buffer zone coincides with the topographically defined catchment basin, except that the width of the buffer zone from the edge of the critical environmental feature is: not less than 150 feet; (ii) not more than 300 feet; and (iii) calculated in accordance with the Environmental Criteria Manual (Point Recharge Features

The control of the co	
<ol> <li>For a property in the Barton Springs Zone, the granting of the variance will result in water quality that is at least equal to the water quality achievable without the variance.</li> </ol>	
Please provide a written response to following questions explaining how the above standards will be met (Check 'X' for which questions apply).	왕
<ul> <li>To maintain and/or enhance the baseflow quantity and water quality in watercourses to maximum extent possible.</li> <li>To reduce existing and future pollutant loads in watercourses to the maximum extent possible.</li> </ul>	
<ul> <li>To prevent loss of recharge to localized aquifers supplying local seeps and springs essential to the maintenance of the ecosystem and the base flow and water quality of many of Austin's creeks; and</li> <li>To prevent loss of recharge to the Edwards Aquifer and to protect the quality of the recharge to the Edwards Aquifer.</li> </ul>	
The director of the Watershed Protection Department may grant a variance described in Subsection (B) only after determining that development in accordance with the variance meets the objective of the requirement for which the variance is requested. In regards to critical environmental features, the minimum standard for the conservation of and the development around a CEF is:	The Subs
Administrative Variances do not apply to projects that seek a reduction of the Critical Environmental Feature (CEF) suffer of less than 50-ft for a point recharge feature, a spring and a seep. Such variances are formal land use commission variances (See LDC 25-8-41). Wetland buffer modification and reductions are not variances (LDC 25-8-82).	Adm ouffe iomi !82).
LDC 25-8-281(C)(5) - The owner must maintain the buffer zone in accordance with standards in the Environmental Criteria Manual to preserve the water quality function of the buffer.	Ш
LDC 25-8-281(C)(4) - Perimeter fencing with not less than one access gate must be installed at the outer edge of the buffer zone for all point recharge features. The fencing must comply with the Standard Specifications Manual.	L
LDC 25-8-281(C)(3) - If located at least 50 feet from the edge of the critical environmental feature, the prohibition of Subsection (C)(2)(b) does not apply to: (a) a yard or hiking trail; or(b) a recharge basin approved under Section 25-8-213(Water Quality Control Standards) that discharges to a point recharge feature: (c) an innovative runoff management practice approved under Section 25-8-151 (Innovative Management Practices).	Ц
LDC 25-8-281(C)(2) – Within a buffer zone described in this subsection: (a) the natural vegetative cover must be retained to the maximum extent practicable; (b) construction is prohibited; and (c) wastewater disposal or irrigation is prohibited.	لــا

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	2For variance(s) from Section $\frac{25-8-281}{25-8-281}$ , which are indicated above, the proposed protective measures proposed with the variance will preserve all characteristics of the critical environmental feature at least equal to the water quality and quantity and achievable without the variance.	
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To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities.

Print Name:		Telephone:
Signature:	Email	
Representing:		Date:

(Name of Company)

\*\*For each CEF and each variance granted, the applicant must pay a variance fee, and provide a proof of payment by submitting a copy of the receipt to Watershed Protection Department Hydrogeologist and/or Wetland reviewer to clear comment.

The request for a waiver from LDC 25-8-281 (B) has been:  The request for a waiver from LDC 25-8-281 (C)(1)(a) has been:  The request for a waiver from LDC 25-8-281 (C)(1)(b) has been:  The request for a waiver from LDC 25-8-281 (C)(1)(b) has been:  The request for a waiver from LDC 25-8-281 (C)(2) has been:  The request for a waiver from LDC 25-8-281 (C)(3) has been:  The request for a waiver from LDC 25-8-281 (C)(3) has been:  The request for a waiver from LDC 25-8-281 (C)(3) has been:  The request for a waiver from LDC 25-8-281 (C)(3) has been:  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**  The request for a waiver from LDC 25-8-281 (C)(5) has been:  Penied  Approved**
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